

IN THE CLAIMS:

Please amend the claims as follows:

1. (currently amended) Disposable apparatus for performing mechanical thrombectomy of dialysis grafts, comprising:

(a) an axially-elongated catheter having at least three axially elongated non-communicating passages therewithin extending substantially the axial length of said catheter;

(i) a first one of said passages as being of rounded cross-section for free axial travel therealong of a guide wire when inserted thereinto, the guide wire having a distal tip and being rotatable for performing mechanical thrombectomy;

(b) a first balloon positioned along the exterior of said catheter proximate a first catheter end and proximal of the distal tip of the guide wire, with the interior of said first balloon being in fluid communication with a second one of said passageways, said first balloon when inflated being generally spherical and positioned about said catheter so that said catheter defines an axis of said spherical balloon shape;

(c) a second balloon positioned along the exterior of said catheter inboard of the first balloon relative to the first catheter end and proximal of the distal tip of the guide wire, with the interior of said balloon being in fluid communication with a third one of said passageways, said second balloon when inflated having an axially-elongated, generally cylindrical central portion and generally conical end portions, with said cylindrical and conical portions of said balloon being symmetrically positioned about said catheter; and

(d) said catheter including a pair of inflation ports respectively communicating with said second and third passageways proximate said second end of said catheter, adapted for connectable communication with a source of pressurized gas for selectably inflating said first and second balloons by supply of pressurized gas thereto via said second and third passageways in said catheter;

(e) wherein said guide wire rotates to break up thrombus to perform the thrombectomy procedure in an area distal of the first and second balloons.

2. (original) The apparatus of Claim 1, wherein said first balloon is latex.

3. (original) The apparatus of Claim 1, wherein said second balloon is made of PET.

4. (original) The apparatus of Claim 1, wherein said catheter exterior is round.
5. (previously canceled).
6. (original) The apparatus of Claim 1, further comprising radiographically detectable means on said catheter located at a predetermined position for detection by x-ray or other radiographic imaging apparatus to permit guidance of the catheter by an attending physician during the performance of a medical procedure.
7. (previously amended) The apparatus of Claim 6, wherein said radiographically detectable means is in band form.
8. (original) The apparatus of Claim 7, wherein at least one of said bands is within at least one of said balloons when said balloon is inflated.
9. (previously canceled).
10. (currently amended) A thrombectomy catheter comprising:
an elongated catheter having a lumen extending therethrough for passage of a rotatable wire for performing thrombectomy;
a first balloon disposed on the exterior of the catheter for expanding a stenosis at a venous junction of a dialysis graft, the first balloon being positioned proximal of a distal tip of the rotatable wire; and
at least one other balloon disposed on the exterior of the catheter and proximal of the distal tip of the rotatable wire for clearing a blockage at an arterial junction of a dialysis graft;
wherein said wire rotates to break up thrombus to perform the thrombectomy procedure in an area distal of the first and second balloons.
11. (currently amended) A thrombectomy catheter comprising:
a catheter having a first lumen extending through the catheter;

a rotatable thrombectomy wire extending through the first lumen and having a distal tip;

a first balloon disposed on the catheter proximal of the distal tip of the thrombectomy wire, which is inflatable through a second lumen in the catheter; and

a second balloon disposed on the catheter proximal of the distal tip of the thrombectomy wire, which is inflatable through a third lumen;

wherein the first and second balloons have different compliances.

wherein said wire rotates to break up thrombus to perform the thrombectomy procedure in an area distal of the first and second balloons.

12. (currently amended) A thrombectomy catheter comprising:

a first lumen extending through the catheter;

a rotatable thrombectomy wire extending through the first lumen and having a distal tip;

a first balloon disposed on the catheter proximal of the distal tip of the thrombectomy wire, which is inflatable through a second lumen in the catheter; and

a second balloon disposed on the catheter proximal of the distal tip of the thrombectomy wire, which is inflatable through a third lumen;

wherein the first and second balloons have different pressure ratings.

wherein said wire rotates to break up thrombus to perform the thrombectomy procedure in an area distal of the first and second balloons.

13. (previously canceled).

14. (previously canceled).

15. (previously canceled).

16. (previously canceled).

17. (previously amended) The catheter of claim 10, wherein the rotatable thrombectomy wire further functions as a guidewire for the catheter.

18. (previously canceled).

19. (previously canceled).

20. (previously amended) The catheter of claim 11, wherein the rotatable thrombectomy wire functions as a guidewire for the catheter.

21. (previously canceled).

22. (previously canceled).

23. (previously canceled).

24. (previously amended) The catheter of claim 11, wherein the first balloon is an angioplasty balloon and the second balloon has a compliancy less than the compliancy of the first balloon, the first balloon being positioned proximal of the second balloon.

25. (previously added) The catheter of claim 24, wherein the second balloon is configured to pull a platelet plug.
